



March 6, 2013

HELLENBRAND INCORPORATED  
JILL MCDONALD  
404 MORAVIAN VALLEY ROAD  
WAUNAKEE WI 53597

Re: Description: WATER TREATMENT DEVICE - POE SOFTENER  
Manufacturer: HELLENBRAND INCORPORATED  
Product Name: PM 6.5 AND E3 HE WATER SOFTENERS  
Model Number(s): PM6.5-032, PM6.5-042, PM6.5-059, E3 HE-32, E3 HE-042 AND E3 HE-059  
Product File No: 20120364

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of March 2018.

This approval is contingent upon compliance with the following stipulation(s):

- This product has undergone sufficient testing to document the product's ability to reduce only those contaminants and/or substances as specified in this approval letter when the product is installed and maintained in strict accordance with the manufacturer's published instructions.
- Where the Department of Natural Resources (DNR) has jurisdiction, a written approval may be required prior to installation of this product in a water supply system to reduce the concentration of a contaminant that exceeds the primary drinking water standards contained in ch. NR 809, Wis. Admin. Code, the enforcement standards contained in ch. NR 140, Wis. Admin. Code, or for a water supply system that is subject to a written advisory opinion by the DNR. For more information contact the DNR Section of Private Water Systems, P.O. Box 7921, Madison, WI 53707, telephone (608) 267-9787.
- If these approved devices are modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.
- These cation exchange water softeners shall be sized, installed, programmed and maintained such that wastewater volumes, total dissolved solids and chloride discharges are minimized.
- Operation of these devices at flow rates above the rated service flow rates specified within this approval letter are not supported or acknowledged by this approval. The rated service flow rates are the flow rates at which these devices were tested.

Because the level of treatment obtained is, in part, a function of how long the water is in contact with the treatment media within these devices, arbitrary increases in the flow rates above the rated service flow rates may compromise the quality of the treated water.

Based on testing data submitted to and reviewed by the department, this approval recognizes that these plumbing products will reduce the concentration of contaminants as specified on pages 1 through 2 of this letter.

**WATER SOFTENING CAPABILITIES  
PRODUCT FILE NUMBER 20120364  
TABLE 1 OF 1**

Model Numbers	Capacity*						Max. Rated Service Flow Rate
Metered	Rating 1		Rating 2		Rating 3		
PM 6.5/E3 HE Series	Pounds	Grains	Pounds	Grains	Pounds	Grains	gpm @ psig
PM6.5-032	3.3	16,344	4.5	20,688	8.0	27,944	7 @ 10
PM6.5-042	4.4	21,951	6.0	27,785	10.6	37,530	7 @ 10
PM6.5-059	6.2	29,267	8.3	37,045	14.8	50,038	8.2 @ 10
E3 HE-032	3.3	16,344	4.5	20,688	8.0	27,944	7 @ 10
E3 HE-042	4.4	21,951	6.0	27,785	10.6	37,530	7 @ 10
E3 HE-059	6.2	29,267	8.3	37,045	14.8	50,038	8.2 @ 10

\* The softener capacity rating is based on grains of hardness, due to calcium and magnesium cations, removed (as calcium carbonate) while producing soft water between successive regenerations and is related to the pounds of salt required for each regeneration. The tests run to generate the hardness reduction data for table 1 of 1 were conducted in accordance with NSF Standard 44 by Technical Engineering Solutions, Menomonee WI. This device is efficiency rated (ER) at the lowest salt dosages displayed for each model (i.e. "Rating 1").

The "DMT" model(s) are not included under this product approval because they are functionally dissimilar. No approval for the "DMT" models can be expressly made, or implied, based on this approval.

This device was tested under controlled laboratory, or field, conditions. The actual performance of this device for a specific end use installation will vary from the tested conditions based on local factors such as water pressure, water temperature and water chemistry.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter  
Plumbing Product Reviewer  
Department of Safety and Professional Services  
Division of Industry Services  
Bureau of Technical Services  
(608) 267-1401 Phone  
(608) 266-2602 Fax  
glen.schlueter@wi.gov E-mail